



CO+LINN

Patient Monitor Magnolia 11 Monitor Everyone

NIBP, ECG, SpO₂, IBP, TEMP, CO₂

133PPI HD Display, Multi-parameter Joint Processing technology

Full 24 Bits High Definition Signal Processing technology

Shenzhen Colinn Medical Co.,Ltd.

17F, East 8 Area, Yihai Plaza, Chuangye Rd., Nanshan,
Shenzhen, Guangdong, P.R. China

www.colinnmedical.com

nicole@colinnmedical.com

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MAGNOLIA 11



Model		Magnolia 11
Display Size		11.6-inch
ECG(3,5)		✓
ECG(12)		Optional
RESP		✓
SpO2(COLIN)		✓
NBP(COLIN)		✓
TEMP(2)		✓
CO ₂		Optional
Recorder		Optional
Battery/2500mA		✓
Battery/5000mA		Optional
Interface	1&2 Multi-function	✓
	Network	✓
	USB(2)	Optional
	Video	✓
	SD Card	✓

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MAGNOLIA 11



ECG

- Lead Type :
 - 3 Leads : I, II, III
 - 5 Leads : I, II, III, aVR, aVL, aVF, V
 - 12 Leads : I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6
- Gain : 2.5mm/mV, 5mm/mV, 10mm/mV, 20mm/mV, Auto
- HR Range : 15bpm ~ 300bpm (ADU)
15bpm ~ 350bpm (PED, NEO)
- HR Accuracy : $\pm 1\%$ or ± 1 bpm (whichever is greater)
- Resolution : 1 bpm
- Bandwidth (-3dB) : Diagnosis : 0.05Hz to 150Hz
Monitor : 0.5Hz to 40Hz
Surgery : 1Hz to 20Hz
- Waveform Speed : 12.5mm/s, 25mm/s, 50mm/s
- ST Range : -2.0 mV ~ +2.0 mV
- ST Accuracy : -0.8 mV ~ +0.8 mV : ± 0.02 mV or 10%
(whichever is greater)

NBP

- Work Mode : Manual, Auto, Continuous
- Measurement Range :
 - Adult mode : SYS : 40 mmHg ~ 270 mmHg
DIA : 10 mmHg ~ 215 mmHg
MAP : 20 mmHg ~ 235 mmHg
 - Pediatric mode : SYS : 40 mmHg ~ 200 mmHg
DIA : 10 mmHg ~ 150 mmHg
MAP : 20 mmHg ~ 165 mmHg
 - Neonatal mode : SYS : 40 mmHg ~ 135 mmHg
DIA : 10 mmHg ~ 100 mmHg
MAP : 20 mmHg ~ 110 mmHg
- Pressure Resolution : 1mmHg
- Maximum Mean Error : ± 5 mmHg
- Maximum Standard Deviation : 8mmHg

RESP

- RR Measuring Range :
 - Adult : 0 to 120 rpm
 - Neo/Ped : 0 to 150 rpm
- Resolution : 1 rpm
- Accuracy : ± 2 rpm

SPO₂

- SPO2 Range : 0 ~ 100 %
- SPO2 Resolution : 1 %
- SPO2 Accuracy :
 - Adult (including Pediatric) : ± 2 % (70%~100% SpO2)
Undefined (0~69% SpO2)
 - Neonate : ± 3 % (70%~100% SpO2)
Undefined (0~69% SpO2)
- PR Range : 25bpm ~ 300bpm
- PR Resolution : 1bpm
- PR Accuracy : ± 2 bpm

TEMP

- Channel : 2
- Measuring Range : 0°C ~ 50°C
- Resolution : 0.1°C
- Accuracy (Without sensor) : ± 0.1 °C